

What You Should Know About Your Auto; How To Drive and Keep It

Expert Advice How to Keep Automobiles Running Smoothly
and the Best Way to Remedy Machine Trouble—
Traffic Suggestions and Pleasure Routes
for Evening World Readers.

By GEORGE H. ROBERTSON.

ORDINANCES which many cities are now enforcing in regard to automobile headlights make dimmers necessary on all cars. There are several ways of dimming headlights to comply with these ordinances. The best method, and the one in use on many of the cars, is called the series-parallel system.



GEORGE H. ROBERTSON

In some cases two bulbs are used in each headlight, one large and one small. The large bulb is used for strong light, for places where a glaring light is necessary. The small bulb is used in place of the dimmer. This method involves the use of two separate systems of wiring and consequently added chances for electrical trouble. The renewal of the two extra bulbs from time to time is also an added expense.

There are now on the market numerous devices which dim, or attempt to dim, the glare of the headlight. Some of these are very efficient, while others are worthless. Be careful in the selection of these contrivances and be sure that you purchase those that will comply with the law.

ANSWERS TO LETTERS.

Automobile Editor.

I have recently bought a 1912 Kirt roadster. Can you inform me where I can secure parts and a book on the care and operation of a 1912 Kirt?

K. H. STEWART, DET.

Write the Puritan Machine Company of Detroit, Mich.

Automobile Editor.

How can I take care of a storage battery on a 1916 Scrambler?

A. NEWARKER.

If the battery posts are starting to corrode, have the white substance scraped off and the terminals rubbed with kerosene.

Automobile Editor.

Where can I secure a pamphlet explaining the internal parts of an automobile and the functions of the various parts?

JOHN O'CONNELL.

Write the Norman-Henly Publishing Company of New York for their catalogue of books and diagrams on automobile construction.

Automobile Editor.

What was the course over which the Vanderbilt Cup Race was driven in the past year?

GEORGE W. MILLER.

The course of the 1908 Vanderbilt Cup Race was run mainly on the Jericho Turnpike and Motor Parkway, Long Island.

Automobile Editor.

When turning a corner, I always stay high, but slow down and retard my speed, my friends say I should drop into second gear when crossing car tracks.

RICHARD W. WILLIAMS.

It is good practice, when approaching a corner, or before crossing a raised railroad crossing, to slow the car down and shift back to second gear. If this is done, the corner or crossing is taken at a low speed and the car is under control to such an extent that you can use your motor speed to get away from it quickly after the turn or crossing.

Automobile Editor.

In reference to lubrication, will you tell me why oil, which is supplied in gas engines, should be carefully regulated?

CHAS. HUGHANAN.

If the lubricating oil is introduced in excessive quantities a considerable proportion will be forced into the combustion chamber, where it will be burned by the excessive heat present at that point and produce carbon deposit in the interior of the cylinder ahead. When an engine is supplied with too much oil the surplus will escape at all possible bearing points and the wasted lubricant performs no useful service. If the oil is not supplied in sufficiently large quantities the bearings will heat because of the friction between their parts and some of the engine power will be lost. If the oil supply is interrupted through accidents, the part may heat up sufficiently so that the bearings will be burnt, cylinder and piston walls scored and other damage done.

Automobile Editor.

In a four speed gear box with direct drive on third, how is the fourth speed obtained?

ALBERT T. HILLY.

Where the third speed of a four speed gearbox is the highest ratio is usually through gearing arranged in such a way that when the fourth speed is engaged the driving end of the gearbox will turn at a higher speed than the engine end.

Automobile Editor.

My engine has been overhauled by

MOTORISTS' PROBLEMS SOLVED

George H. Robertson, America's foremost expert on all automobile troubles.

"Automobile troubles, prospective buyers and men wishing to become chauffeurs should not fail to take a course in your school."

Day and Evening Classes; also private instruction at home by mail correspondence.

Special Classes for Ladies

Call or write for booklet.

Stewart Auto School

225 WEST 57TH STREET (at Broadway)

Man driving is as trained as

CHAUFFEURS or Motor Truck Drivers

can get full information, direct or indirect, on any subject, by taking up Mr. H. C. Stewart's "Automobile School."

WEST SIDE Y. M. C. A.

100 W. 57th St., New York.

BRONX CENTRAL TRIO SURE OF THIRD PLACE IN BOWLING TOURNEY

STANDING OF THE TEAMS IN THE WORLD TOURNEY.

White Flag	W.	L.	P.	H.	A.
Pace Bros.	40	17	174	138	597
Brooklyn Central	31	21	171	132	595
Brooklyn	29	23	169	130	593
Hempstead	28	24	167	128	591
St. Nicholas	27	25	165	126	589
Brooklyn	26	26	163	124	587
Brooklyn	25	27	161	122	585
Brooklyn	24	28	159	120	583
Brooklyn	23	29	157	118	581
Brooklyn	22	30	155	116	579
Brooklyn	21	31	153	114	577
Brooklyn	20	32	151	112	575
Brooklyn	19	33	149	110	573
Brooklyn	18	34	147	108	571
Brooklyn	17	35	145	106	569

Grundy's Dancing Masters
Lose Three Straight in The
Evening World Tourney.

SCHEDULE TO-NIGHT.
St. Nicholas Inn at Broadway Arcade,
Grand Central at Park Row.

THE Bronx Central pin topplers insured third place for themselves in The Evening World three-man amateur tournament by defeating Grundy's dancing masters in all three sessions last night on the Eureka alleys in the Grand Central Palace.

Both trios scored their best totals in the opening frame, but Tometz kept the Koester crowd in front with his better pinning for an easy victory.

The Eureka's got away to a good start in the second string and accumulated a lead of 40 pins at the end of the seventh frame. Just then Grundy's, the celebrated strike artist, began one of his usual strikefests and went the route, including his very last delivery for a 221 score, turning what was a 100 pin deficit into a second victory for the Bronx Central.

The scores:
Bronx Central, 470; Grundy's, 470; Pace Bros., 470; Grundy's, 470; Pace Bros., 470; Grundy's, 470; Pace Bros., 470.

LEAGUE SCORES.

American National Tourney—New Rochelle, 573 vs. Atlantic, 575; Lefroy, 522 vs. Atlantic, 523; Lefroy, 502 vs. New Rochelle, 505.

Bank Clerks—Germania, 806 vs. Germania, 842; Bank of Savings, 729 vs. Germania, 876; Bank of Savings, 681 vs. Germania, 810.

Life Insurance—Mutual Ins. Co. No. 2, 1,000 vs. 511 vs. Equitable Ins. Co., 646, 767, 825.

Silk League—F. Dommerich Co., 507, 810, 825 vs. Susquehanna Silk Mills, 814, 821, 842.

Billy Linden, the Algonquin crack bowler, and Brooklyn Morris will take the place of Karllock and Blodin in the twenty-four hour endurance contest which starts at the Regan alleys, Monday at midnight. In addition, Blodin, Regan, Linden, and Morris will play a four-day match, Monday through Thursday, at the Regan alleys. Linden and Morris, and Blodin and Morris, will play a four-day match, Monday through Thursday, at the Regan alleys. Linden and Morris, and Blodin and Morris, will play a four-day match, Monday through Thursday, at the Regan alleys.

There will be a meeting of the four-man bowling team of the National Bowling Association, at the Hotel Imperial, tomorrow afternoon in conference with the New York Bowling Association. The proposed changes in the standard alley equipment will be the main topic of discussion.

350,000 School Boys and Girls Competed in 1915

More than 350,000 boys and girls in the New York City schools took part in athletics last year, and of this number nearly 25,000 schoolboys won the P. S. A. L. badge for their proficiency. This was the outstanding feature of the annual report of Gen. George W. Wingate, for years President of the league, which he read yesterday at his annual meeting at his office at No. 20 Nassau street.

This honor badge is awarded only to boys who meet a certain standard in running, jumping and chinning, and the number winning it last year was more than 500 greater than the winners in 1914.

Of the efforts of The Sunday World to stimulate athletics in the schools, which were first undertaken in 1906, Gen. Wingate made special note. In the various meets conducted under the direction of The Sunday World more than 100,000 boys took part at the final meet on Oct. 9, no less than 1,400 boys participating. In all 171 schools held separate meets and so entered as many as 90 per cent of their boys, while more than fifty were represented by at least 75 per cent.

In The Sunday World walking clubs 6,700 boys and 1,000 girls competed. They were required to walk in any three months of the year and in not less than six tours, 50, 75 or 100 miles. Ten boys walked more than 100 miles in a quarter of a year, 70 boys more than 75 miles, and 247 boys more than 50 miles.

SULLIVAN STILL THERE.

New Brighton's Postmaster Not Asked to Resign His Office.

An official statement has been received from First Assistant Postmaster General Roger denying the report that Postmaster William S. Sullivan of New Brighton, S. I., had been requested to resign his office because of alleged irregularities on the part of one of his subordinates.

Mr. Roger stated that the Post Office Department has not written a letter to Postmaster Sullivan requesting his resignation and that no action with regard to the New Brighton office is contemplated at present. Mr. Roger says he is at a loss to understand how the report was started.

PRESIDENT WILSON TO "SET" PINS FOR BOWLING OPENING.

By pushing an electric button in the White House on March 15, President Wilson will set the pins on all seven alleys at the Grand Central Palace, for the opening of the National Bowling Tournament which will start on that date. The tournament is the biggest tournament ever staged in the East, and with the extension of the entries to the Tourist Committee for the good of the game at the Imperial Hotel Sunday afternoon.

BY SAVING FEW CENTS DAILY YOU MAY OWN YOUR HOME

Widow Left With Two Children
Tells How Thrift Enabled Her
to Buy House Out of Income of \$18 a Week.

"Free and clear" is a phrase which occurs in one of the thrift letters published to-day. The writer is a widow, who was put to the all too common test of making her own way and providing for her two children. She has had a heroic struggle, but is coming through with colors flying.

She not only took care of the needs of the hour, but she has bought a home, and on an average income of \$18 a week is paying off the mortgage. The end is in sight, and the home will soon be "free and clear."

To own a home is an inborn ambition. To hold it "free and clear" is to have it free of all encumbrances. Then it is YOURS.

Thrift smooths the way for owning everything you have without any encumbrance. It assumes the prompt payment of bills, so that you own and have full rights to all the things you use. It never eats into next week's or next month's salary, but it pays as it goes and leaves you a balance besides.

Thrift is the most helpful habit you can form; it is the most influential friend you can cultivate; it is the most reliable security you can buy for immediate needs and future welfare.

There was no thought of "quitting" on the part of this Brooklyn woman, who was left a widow, with two children.

"Brooklyn."

"In the year 1900, I found myself a widow with two small children, \$1,400 and a dream of one day owning a home of my own. With this end in view, and being an expert needlewoman, I opened a dressmaking parlor at home. It was quite impossible to save anything until 1906, when my oldest child, after attending high school for two years, was earning \$9 per week. My youngest child, always delicate, was studying music at home. I had still \$1,200 in bank when my dream came true.

"I bought a house in the suburb where we had been living. A mortgage for \$1,000, held by a building and loan association, payable in monthly installments of \$10 including interest. I allowed to stand. For improvements, I have spent \$1,100, for taxes and assessments, \$795.85; for new furnishings, \$250, and \$875 of the mortgage. In another year my house will be free and clear and we have enjoyed the comfort of a nine-room house all to ourselves.

"As to my household expenses, I keep a book and can tell at a glance just what everything costs; if we have a guest for a week or two, we know just what the difference is. In all this time, my income has averaged \$18 per week.

"Mrs. J. S. K."

It is always a pleasure to publish letters like this one. Women who are left without means of support and who have children to bring up, as well, are entitled to unlimited praise when they solve their problems so satisfactorily. In this case she had an occupation to which she could turn, but that alone would not have assured success. The purchase of a comfortable home adds the final touch to her accomplishment.

HIS EMPLOYER HELPED HIM TO SAVE MONEY.

The correspondent is exactly right in saying the difficult part of saving is in getting started.

"New York."

To the Thrift Editor of The Evening World.

"It is unquestionably true that

\$250 in Prizes for the Best Common Sense Plan of Saving

The Evening World, co-operating with the American Bankers' Association, is conducting a campaign for thrift.

It is not the easiest thing in the world to save money, but the readers of this paper during the next few months will be given every encouragement to learn how to do it.

Cash prizes amounting to \$250 will be given to those who show the most sensible plans of home or domestic financing.

The Evening World campaign is designed primarily to help men and women earning \$150 a month or less. The committee of awards will be announced later. Articles will be published on Wednesdays and Saturdays.

The American Bankers' Association offers \$150 in prizes, and The Evening World adds \$100, making \$250 in all. The prizes will be as follows: First prize, \$50; two prizes of \$25 each; five prizes of \$10 each; ten prizes of \$5 each; twenty-five prizes of \$2 each.

All correspondence will be kept confidential, but it will be necessary for you to give name and address.

Address all letters to Thrift Editor, Evening World. KEEP LETTERS WITHIN 300 WORDS. The privilege of participating in the campaign is open to every one. There are no conditions.

on. I found the saving easy in the first part of the month, but naturally it was more difficult in the latter part. By this method I saved in one month of twenty-nine days, \$136.35 in four months of thirty days each, \$18.40, and in seven months of thirty-one days each, \$34.72, making a grand total of \$259.47 for the year. J. L. R."

There are numbers of men and women earning far more than \$12 a week who cannot show a bank balance of \$5.00 at the end of the year. The above scheme is an admirable one for any sceptic to try. It will show results without imposing any serious burden on any one, and it can be used as a model for a more ambitious programme. Its greatest value is that it can be started with a trifling amount, and before the daily deposit becomes irksome a computation will show the fund to be growing nicely.

SCHOOL TEACHER TELLS HOW SHE SAVED.

To the Thrift Editor of The Evening World.

"Twelve years ago I began to teach

in New York City on a salary of \$50 a month. Now I am receiving \$100 a month. My expenses are now as follows: Board, (including laundry), \$50; carfare, \$2; luncheons (eaten in school), \$3; church, \$2.50; clothes and incidentals, \$21.50; total, \$77.

"I put the remainder of my salary in the savings bank until I have \$2,000. I then withdrew it and invested it in a guaranteed first mortgage on out-of-town property at 6 per cent. Then I began to save for a second investment.

"When I have sufficient thousands out at interest to yield me a respectable living I shall give up teaching and be able to get along no matter what happens to the pension fund."

"I believe the secret of saving is: Do not wait until you are earning a large salary, but begin to save systematically when you are earning a small one. When I received my first check of \$50 I banked \$5. As my salary has increased I have increased the amount I put in the bank."

"I hope that my statements will encourage some of my fellow teachers to save. A SCHOOL TEACHER."

Face and Neck. Whole Body Sore. Itching So Great Had to Tie Hands to Keep From Scratching.

HEALED BY CUTICURA SOAP AND OINTMENT

"My sister had red itching eruptions like pimples which opened up and water came out. Her hands, face, and neck were mostly affected but her whole body was itching so that she had to tie her hands to keep her from scratching. She was very cranky and she didn't sleep all night."

"Knowing that Cuticura Soap and Ointment had helped me I tried them. Within one week she was healed after using a cake of Cuticura Soap and one-half a box of Ointment." (Signed) Mrs. M. Sionkowski, 89 Herbert St., Greenpoint, N. Y., Oct. 4, 1915.

Sample Each Free by Mail

With 32-p. Skin Book on request. Address post-card "Cuticura, Dept. T, Boston." Sold throughout the world.

Standard Oil Co. of N. Y.

SAFEST and BEST

1916

Why the Student Chooses Kerosene

GOOD eyesight is a most important asset to a student.

His eyes are the tools of his trade. Hence the almost universal use of the kerosene student lamp.

Of all artificial illuminants, the light of a good kerosene lamp is most like sunlight, and consequently the best for the eyes. Oculists both in this country and abroad testify to this most emphatically.

For purposes of general illumination, the convenience of gas and electricity is unquestioned. But for the quiet circle of the reading table, nothing is better than a kerosene lamp.

There are many good oil lamps. We recommend the following oil burning devices as the best of their kind: New Perfection Oil Cook-stoves and Water Heaters, Perfection Smokeless Oil Heaters, Rayo Lamps and Lanterns.

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